

INTERNATIONAL SEARCH REPORT

Application No

PCT/ID 03/05984

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01R4/48 H01R11/22 A61B5/0416

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 944 562 A (CHRISTENSSON EDDY K G) 31 August 1999 (1999-08-31) cited in the application the whole document ---	1,18
Y	EP 1 095 670 A (COMPEX SA) 2 May 2001 (2001-05-02) column 8, line 44 - line 50 ---	1,18
A	US 6 343 233 B1 (GRAVLIN RAY ET AL) 29 January 2002 (2002-01-29) figure 18 ---	1-21
A	US 4 268 101 A (STONE ROBERT D) 19 May 1981 (1981-05-19) figure 2 ---	1-21
	--- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

24 March 2004

Date of mailing of the international search report

31/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Demo1, S

INTERNATIONAL SEARCH REPORT

Application No
PCT/IB 03/05984

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 895 298 A (FAUPEL MARK L ET AL) 20 April 1999 (1999-04-20) abstract -----	1-21
A	US 5 295 872 A (CHRISTENSSON EDDY K G) 22 March 1994 (1994-03-22) cited in the application abstract -----	1-21

INTERNATIONAL SEARCH REPORT

Application No

PCT/IB 03/05984

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5944562	A	31-08-1999	US 5624281 A AU 4599996 A GB 2311667 A , B WO 9619017 A1	29-04-1997 03-07-1996 01-10-1997 20-06-1996
EP 1095670	A	02-05-2001	EP 1095670 A1 JP 2001170190 A	02-05-2001 26-06-2001
US 6343233	B1	29-01-2002	US 5931861 A AU 7162198 A WO 9848897 A1 US 6038481 A US 6038479 A US 6192278 B1	03-08-1999 24-11-1998 05-11-1998 14-03-2000 14-03-2000 20-02-2001
US 4268101	A	19-05-1981	NONE	
US 5895298	A	20-04-1999	AT 251808 T AU 7599198 A CA 2291268 A1 DE 69818820 D1 DK 990279 T3 EP 0990279 A1 WO 9854792 A1	15-10-2003 30-12-1998 03-12-1998 13-11-2003 15-12-2003 05-04-2000 03-12-1998
US 5295872	A	22-03-1994	AU 4662193 A WO 9401901 A1	31-01-1994 20-01-1994